Title (en)
AUTOSTEREOSCOPIC SYSTEM

Title (de)
AUTOSTEREOSKOPISCHES SYSTEM

Title (fr)
SYSTÈME AUTOSTÉRÉOSCOPIQUE

Publication
EP 2910996 A4 20160622 (EN)

Application
EP 13848499 A 20131219

Priority
• UA 201212101 U 20121022
• UA 2013000150 W 20131219

Abstract (en)
[origin: US2015229914A1] An autostereoscopic system includes a visualization surface having an image prepared for separation, the image consisting of a sequence of m perspectives, which alternate with the frequency of no less than physiologically conditioned sensitivity of a human eye, and a dual raster screen positioned in front of the visualization surface, having two rasters disposed on opposite sides with respect to a common focal plane diffusing a stream of light. Each raster consists of lens elements contiguously disposed on the surface and forming coaxial pairs. Each pair has m eclipse shutters, each opening synchronously with the sequence of perspectives. The dual raster screen is in front of the visualization surface at a distance, at which the optical projection of a part of a raster unit hm=h/m from the common focal plane of the dual raster onto the visualization surface is equal to a raster unit h.

IPC 8 full level
G02B 30/27 (2020.01); G02B 30/30 (2020.01); G02F 1/13 (2006.01); H04N 13/04 (2006.01); G02B 3/00 (2006.01)

CPC (source: EP RU US)
G02B 30/27 (2020.01 - EP US); G02B 30/30 (2020.01 - EP); H04N 13/305 (2018.04 - EP US); G02B 3/0006 (2013.01 - EP US); G02B 30/00 (2020.01 - RU); G02F 1/1323 (2013.01 - EP US)

Citation (search report)
• [A] WO 2008091237 A1 20080731 - ODNOROZHENKO VASILIY BORISOVIC [UA], et al
• [AD] UA 22927 U 20070425 - STEPANIAN BENIAMYN HURHENOVYCH [UA], et al
• See references of WO 2014065773A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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DOCDB simple family (application)
US 201314428991 A 20131219; EP 13848499 A 20131219; KR 20157009701 A 20131219; RU 2015110598 A 20131219; UA 2013000150 W 20131219; UA U201212101 U 20121022